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## MTSS1 (N747) Antibody



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For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: WB	Reactivity: H M R Mk	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 95-105	<b>Source:</b> Rabbit	UniProt ID: #O43312	Entrez-Gene Id: 9788
Product Usage Information	Ар	plication		Dilution		
iiioiiiatioii	We	estern Blotting			1:1000	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 $\mu$ g/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.				
Specificity / Sensitivity		MTSS1 (N747) Antibody detects endogenous levels of total MTSS1 protein.				
Source / Purifica	amii		, ,	•	h a synthetic peptide co s are purified by peptide	, ,
Background	diffe (also term MTS prot pho chai	erential display techion known as Missing hinal WH2 actin-bing SS1 to induce F-act ein known to promosphatase δ (PTPRE	nique that identified in Metastasis or M ding motif (1,3). Pre in bundling and filop te the formation of 0) is associated with	proteins missing from the proteins missing from the protein and the protein an	d protein that was initially om bladder cancer cell lid remodeling protein that RSp53/MIM homology) cells (4). MTSS1 binds to ipodia (5). The receptor uired for MTSS1-dependen regulate GLI-dependen	nes (1,2). MTSS1 contains a C- lomain allows and activates Rac, a tyrosine dent cytoskeletal
1. Lee, Y.G. et al. Neoplasia 4, 291-4. 2. Machesky, L.M. and Johnston, S.A. (2007) 3. Mattila, P.K. et al. (2003) J Biol Chem 278, 4. Yamagishi, A. et al. (2004) J Biol Chem 275, 5. Bompard, G. et al. (2005) J Cell Sci 118, 5 6. Woodings, J.A. et al. (2003) Biochem J 373, 7. Gonzalez-Quevedo, R. et al. (2005) J Cell				78, 8452-9. 279, 14929-36. , 5393-403. 371, 463-71.		

**Species Reactivity** 

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Western Blot Buffer

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

**Applications Key** 

WB: Western Blotting

**Cross-Reactivity Key** 

H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse

GP: Guinea Pig Rab: rabbit All: all species expected

8. Callahan, C.A. et al. (2004) Genes Dev 18, 2724-9.

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